

Reclamation Estimate for JUMBO MINING COMPANY M/023/013

Prepared By
Utah State Division of Oil, Gas and Mining
December 5, 1988

Description	Quantity	Total Unit	\$/Unit	Cost (\$)
Drum Mine Pit and Decline Reclamation				
Remove Trash	32.7	Acres	100	3,270
Construct Berms Along Highwalls	4,800	Linear Feet	4.70	22,560
Construct Seal 100' Inside Portal		Lump Sum		1,000
Backfill Portal	400	Cubic Yards	0.60	240
Grade for Uniformity	21.0	Acres	430	9,030
Revegetate *	21.0	Acres	381	8,000
Subtotal				44,100
Heap Leach Pad Reclamation				
Decommission Heap Leach Pads	41.0	Acres	750	30,750
Remove Trash	41.0	Acres	100	4,100
Grade Pads to Minimize Erosion	41.0	Acres	430	17,630
Haul Topsoil	10,000	Cubic Yards	0.63	6,250
Regrade for Uniformity	41.0	Acres	143	5,860
Revegetate *	41.0	Acres	381	15,620
Subtotal				80,210
Drum Mine Waste Dumps Reclamation				
Remove Trash	40.0	Acres	100	4,000
Grade for Uniformity	29.6	Acres	430	12,730
Revegetate *	29.6	Acres	381	11,280
Subtotal				28,010
Facilities Reclamation				
Demolish and Dispose of Buildings	8,200	Square Feet	2.90	23,780
Remove Fenceline	15,030	Linear Feet	1.25	18,790
Plug Drill Holes	30	Each	100	3,000
Remove Trash	40.0	Acres	100	4,000
Rip Roads	25.4	Acres	275	6,990
Grade for Uniformity	40.0	Acres	430	17,200
Revegetate *	40.0	Acres	381	15,240
Subtotal				89,000
Totals				241,320
Add Contingency (10%)				24,130
TOTAL RECLAMATION COST (1988 Dollars)				265,450
TOTAL RECLAMATION COST (1993 Dollars) @ 2.3% Annual Inflation				297,000

* Amended 2/9/89

This is a replacement
copy to be inserted
into the correspondence
file.

Replaces previous
page attached to
DOGM letter to JUMBO
Mining Company dated
Dec 6, 1988.